

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093560.D
 Acq On : 25 Jul 2017 4:30
 Operator : SJ/JU
 Sample : I4213-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B32

Manual Integrations
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 7/25/2017 5:33:58 PM

Quant Time: Jul 25 07:29:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12043	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	28971m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	31523	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	28198m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	9400	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	30388	0.33	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	2133	0.049	ng/ul#	94
7) Acenaphthylene	14.25	152	1816	0.036	ng/ul#	90
12) Phenanthrene	17.29	178	4698m	0.060	ng/ul	
15) Fluoranthene	19.30	202	20761	0.210	ng/ul	84
17) Pyrene	19.67	202	22607	0.246	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	12707	0.139	ng/ul#	86
19) Chrysene	21.45	228	12331	0.141	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	18841	0.216	ng/ul	93
22) Benzo(k)fluoranthene	23.20	252	6682m	0.078	ng/ul	
23) Benzo(a)pyrene	23.81	252	14122m	0.170	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	8644m	0.094	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	7891m	0.102	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

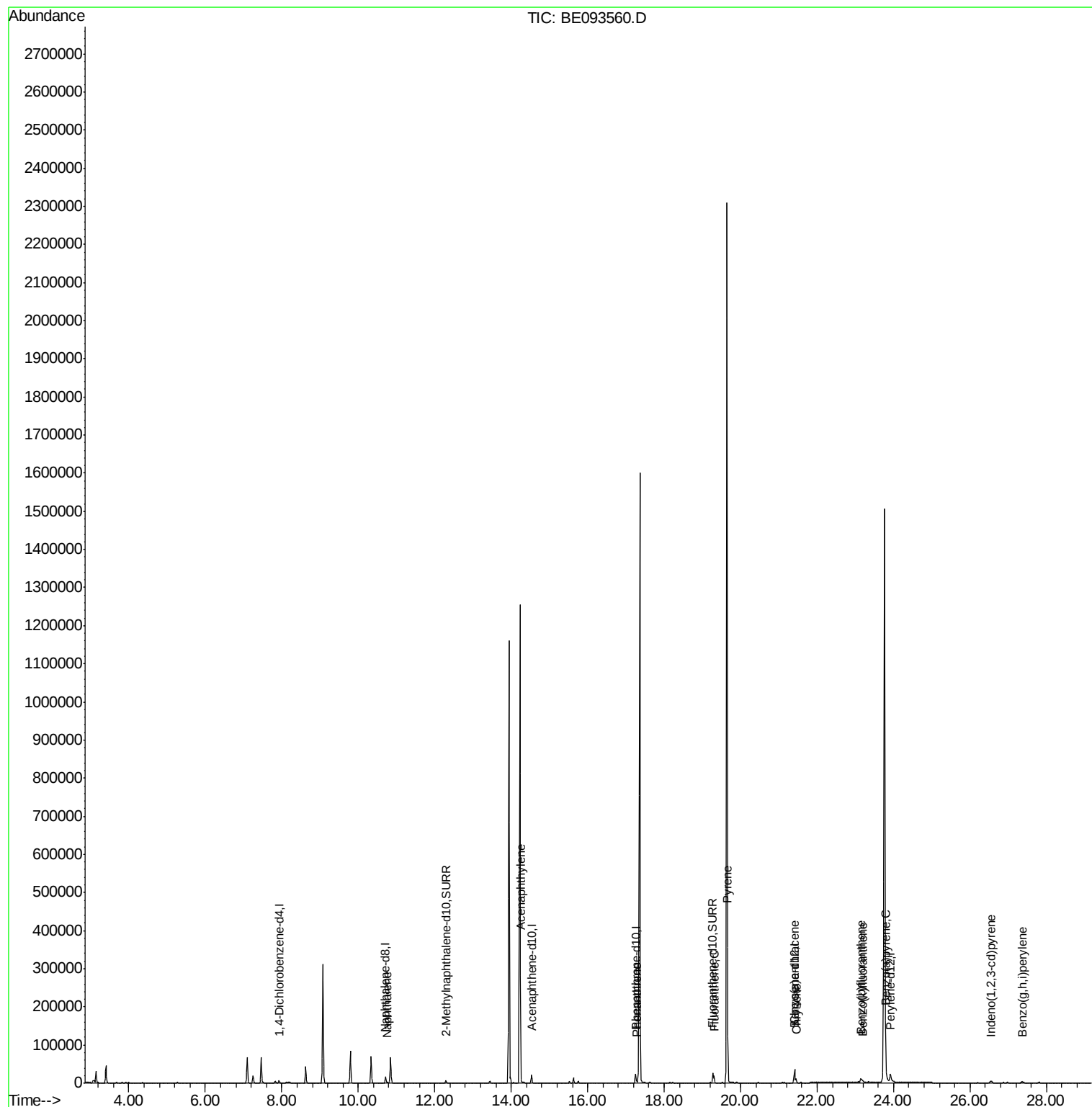
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093560.D
Acq On : 25 Jul 2017 4:30
Operator : SJ/JU
Sample : I4213-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

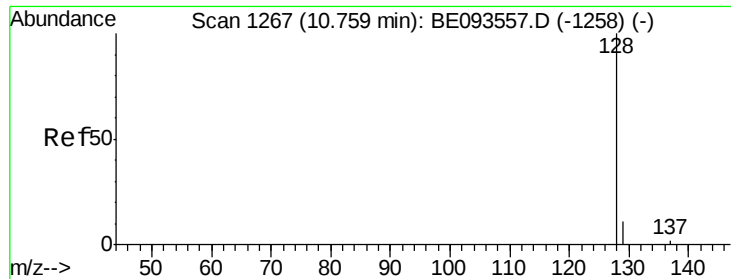
Instrument :
BNA_E
ClientSampleId :
C0B32

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#3

Naphthalene

Concen: 0.049 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

Instrument :

BNA_E

ClientSampleId :

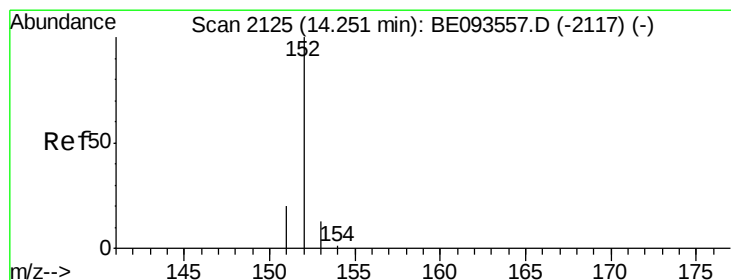
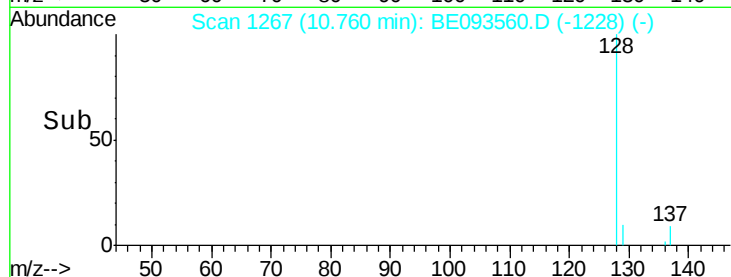
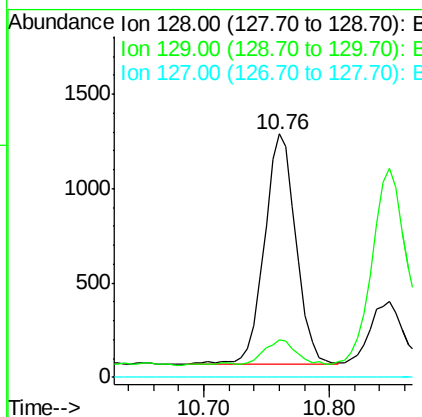
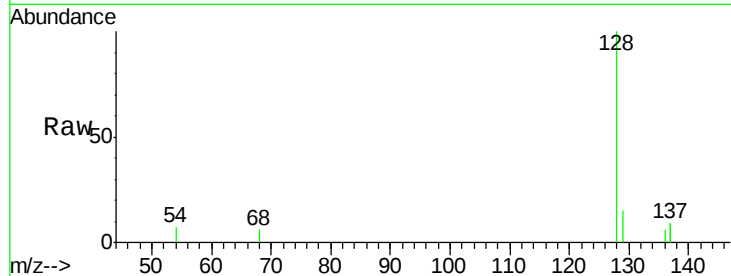
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	0.0	4.0	6.0

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#7

Acenaphthylene

Concen: 0.036 ng/ul

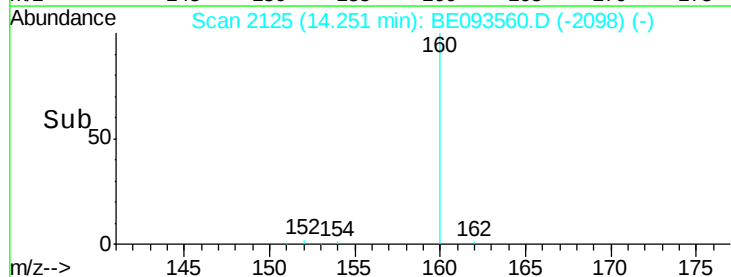
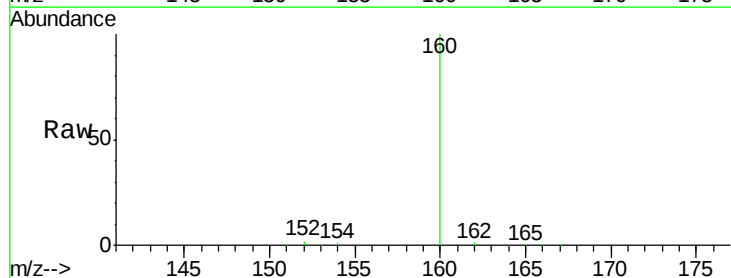
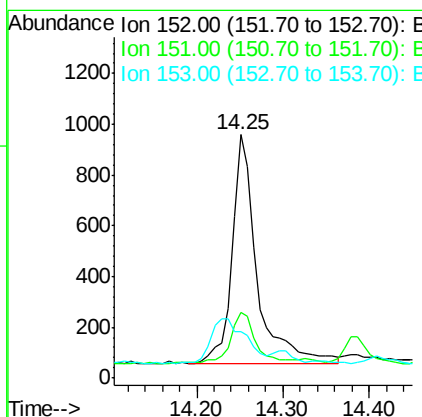
RT: 14.25 min Scan# 2125

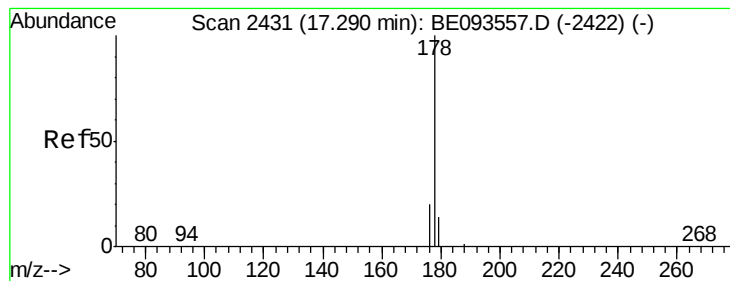
Delta R.T. -0.00 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.8	17.1	25.7
153	19.0	12.8	19.2





#12

Phenanthrene

Concen: 0.060 ng/ul m

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

Instrument :

BNA_E

ClientSampleId :

C0B32

Tgt Ion:178 Resp: 4698

Ion Ratio Lower Upper

178 100

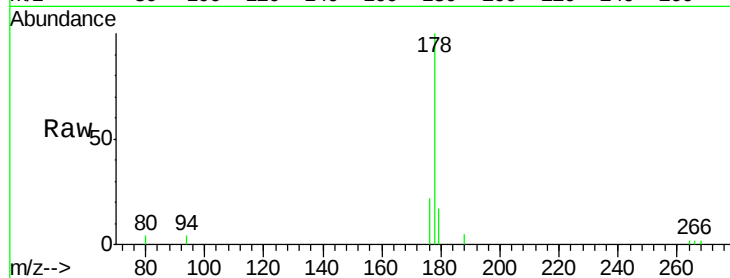
179 16.6 18.4 27.6#

176 22.1 13.6 20.4#

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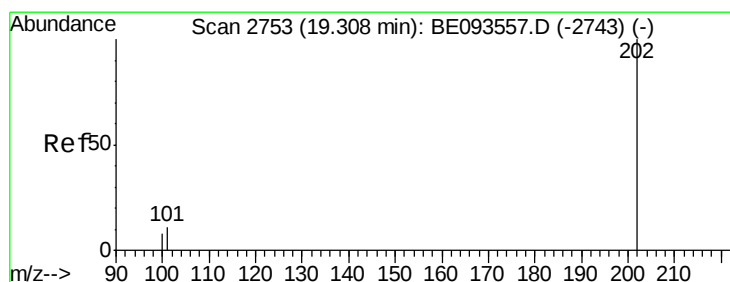
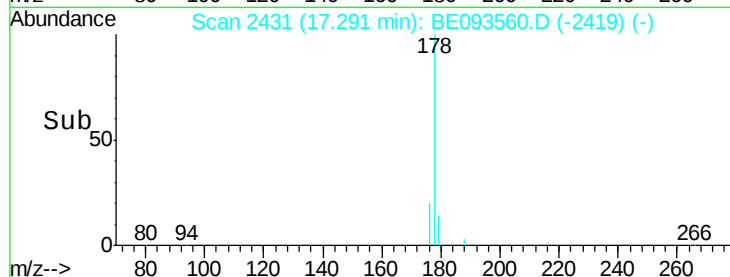
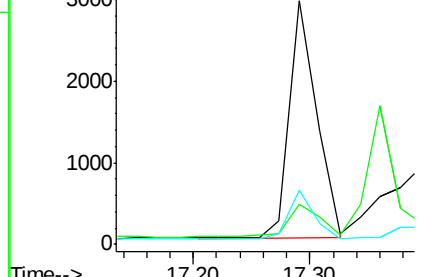
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.210 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

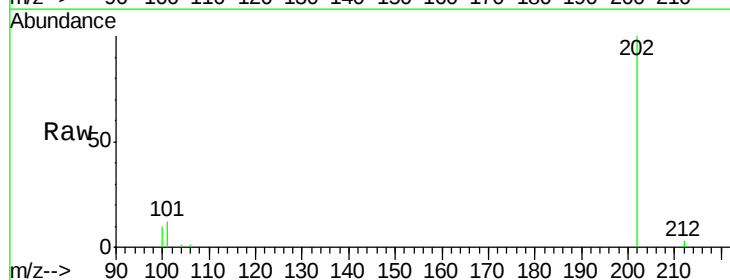
Tgt Ion:202 Resp: 20761

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.3

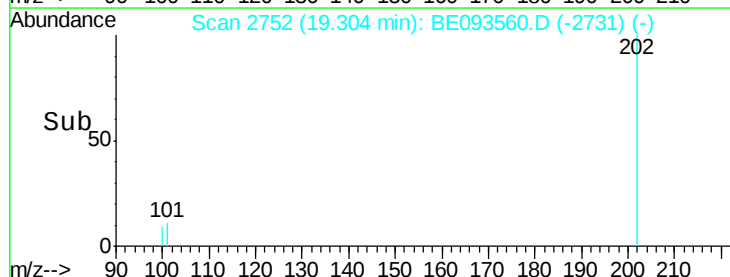
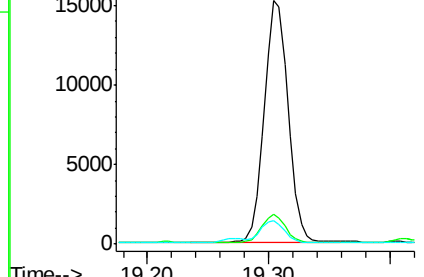
100 9.7 0.0 39.5

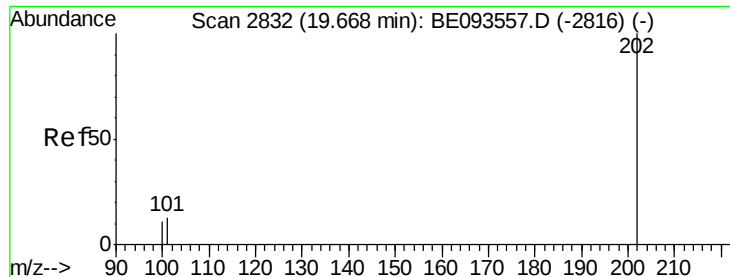


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





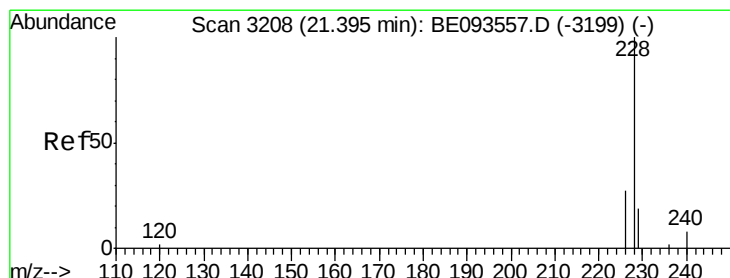
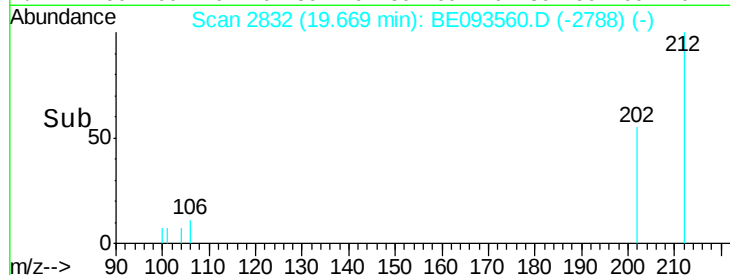
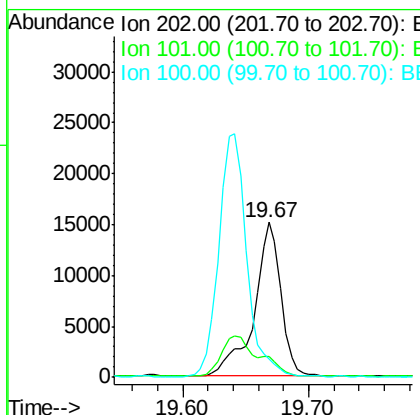
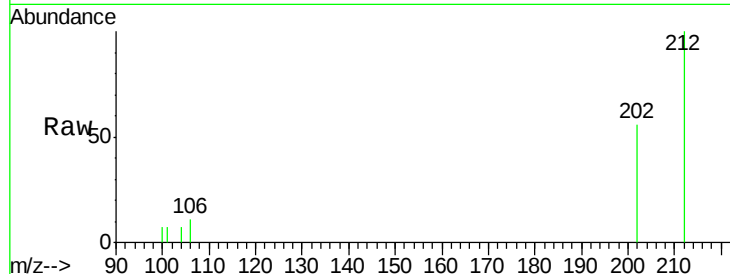
#17
Pyrene
Concen: 0.246 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093560.D
Acq: 25 Jul 2017 4:30

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22607		
101	13.3	18.2	27.4#	
100	12.2	15.6	23.4#	

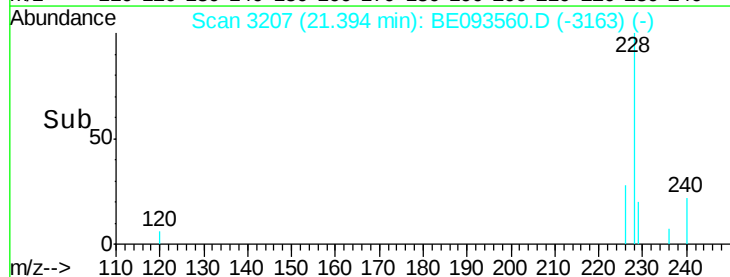
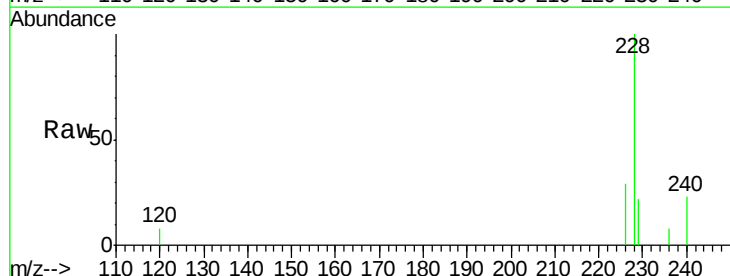
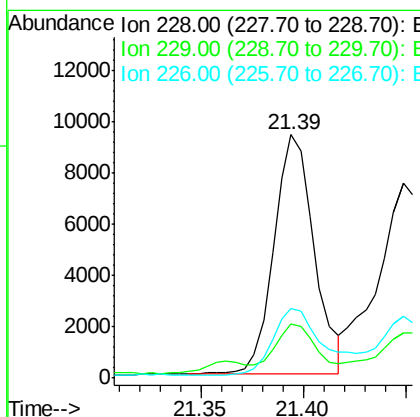
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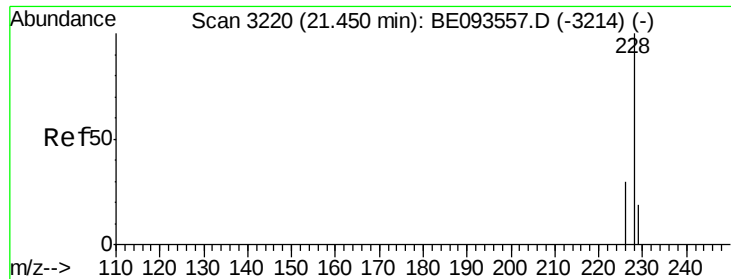
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#18
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093560.D
Acq: 25 Jul 2017 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12707		
229	22.1	22.8	34.2#	
226	28.6	17.0	25.6#	





#19

Chrysene

Concen: 0.141 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

Instrument :

BNA_E

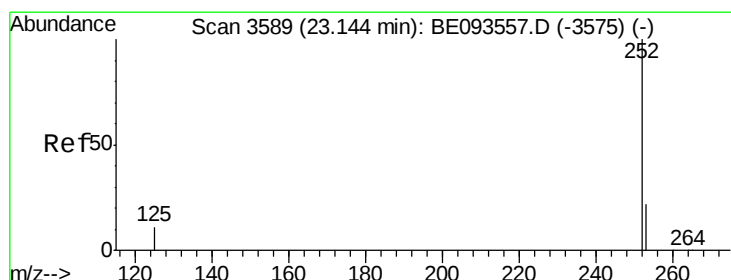
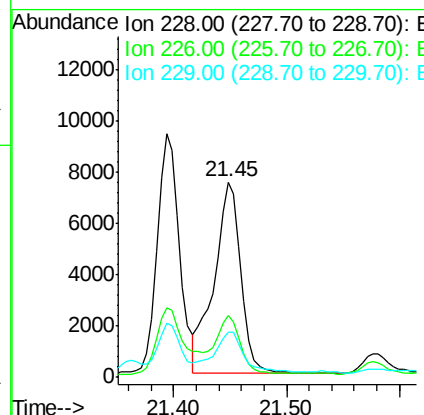
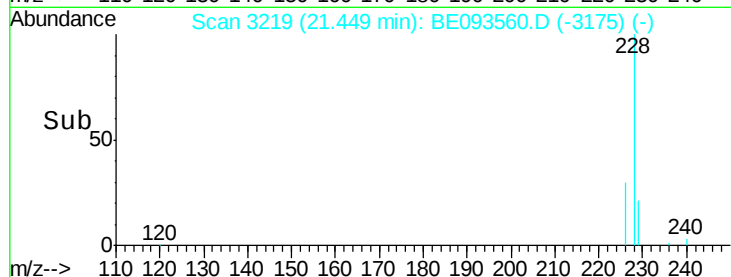
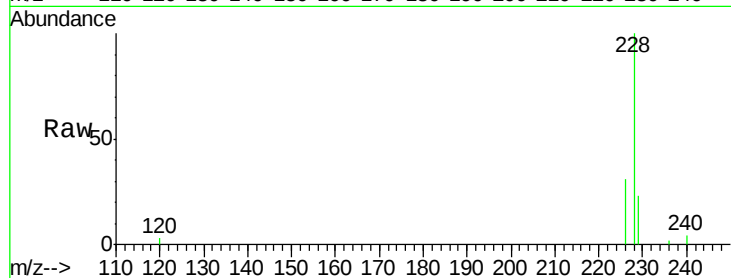
ClientSampleId :

C0B32

Tgt Ion:	228	Resp:	12331
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.216 ng/ul

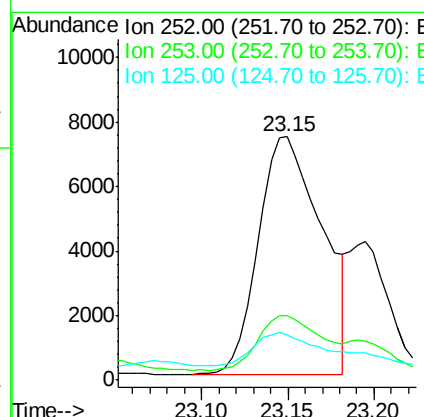
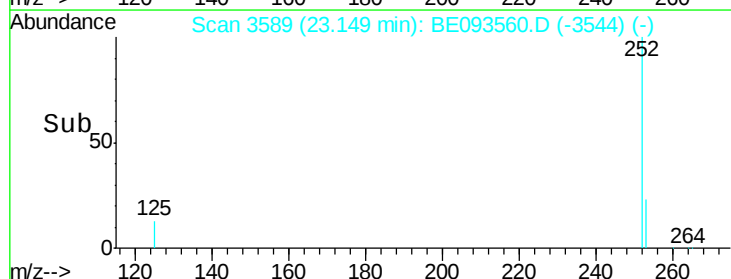
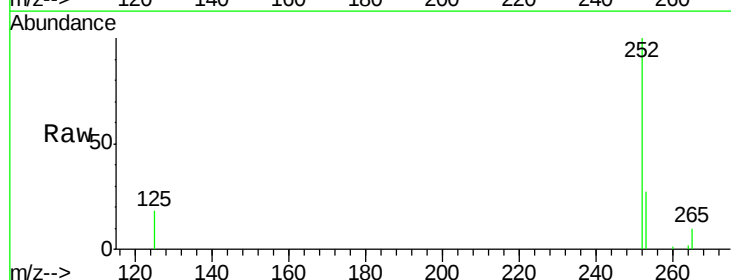
RT: 23.15 min Scan# 3589

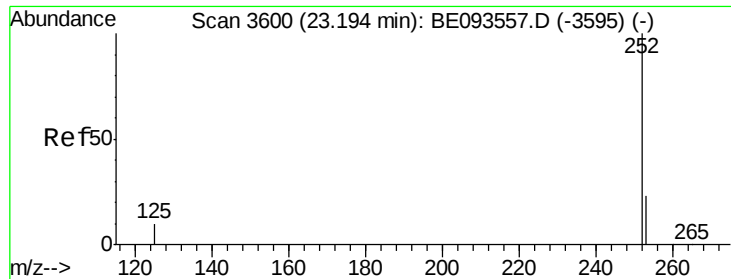
Delta R.T. 0.01 min

Lab File: BE093560.D

Acq: 25 Jul 2017 4:30

Tgt Ion:	252	Resp:	18841
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	64.2
125	18.4	0.0	35.0





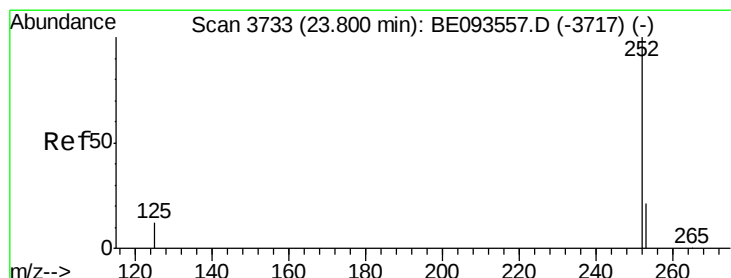
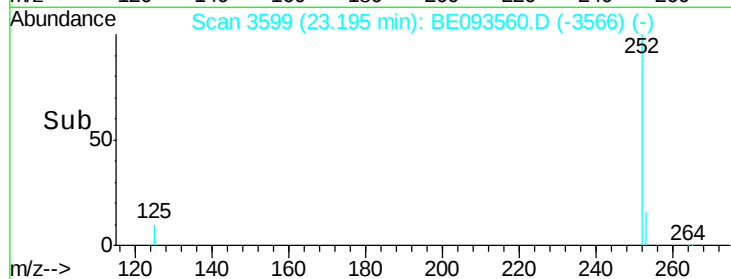
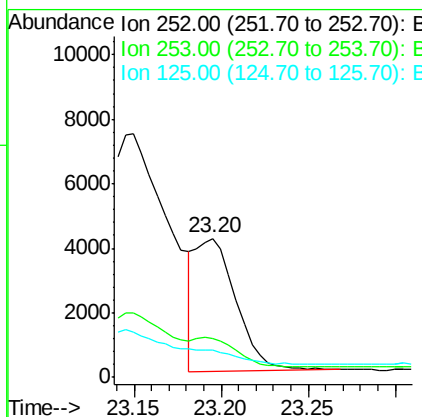
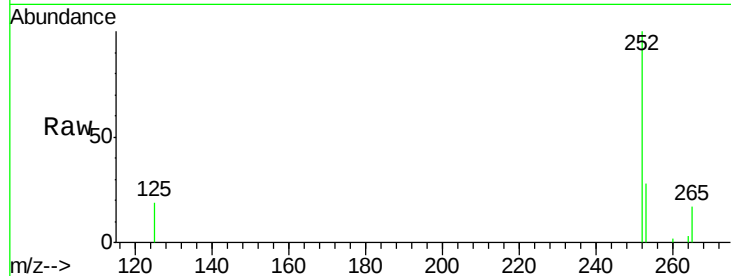
#22
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 23.20 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE093560.D
Acq: 25 Jul 2017 4:30

Instrument :
BNA_E
ClientSampled :
C0B32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.5	36.7
125	19.5	13.7	20.5

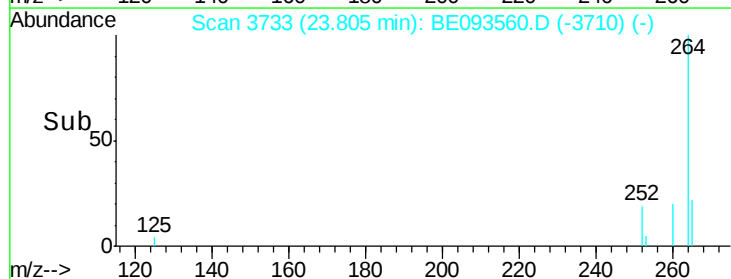
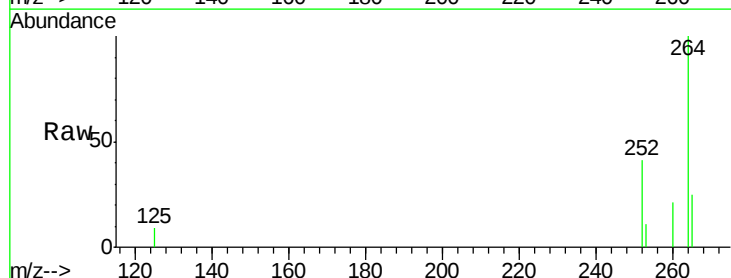
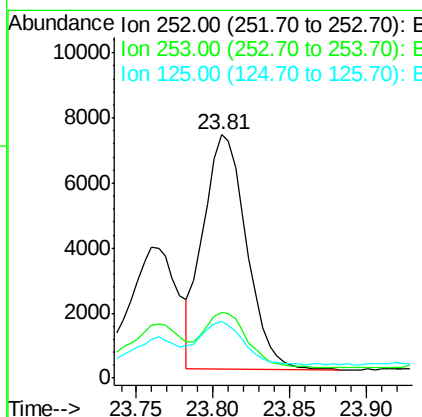
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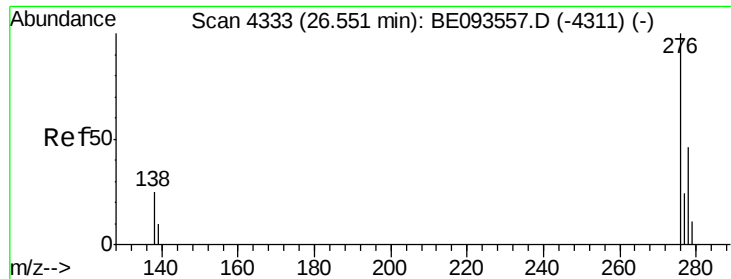
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#23
Benzo(a)pyrene
Concen: 0.170 ng/ul m
RT: 23.81 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE093560.D
Acq: 25 Jul 2017 4:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	28.5	42.7#
125	23.2	18.1	27.1





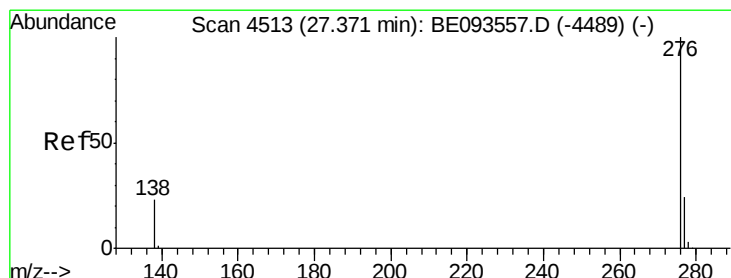
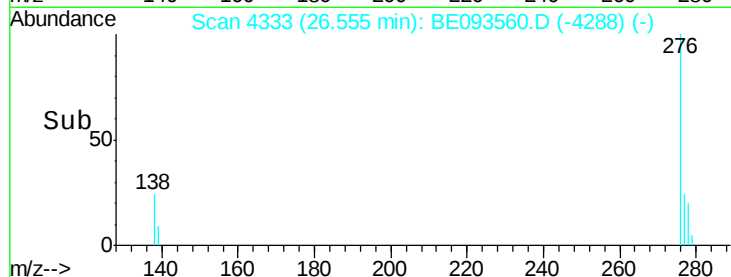
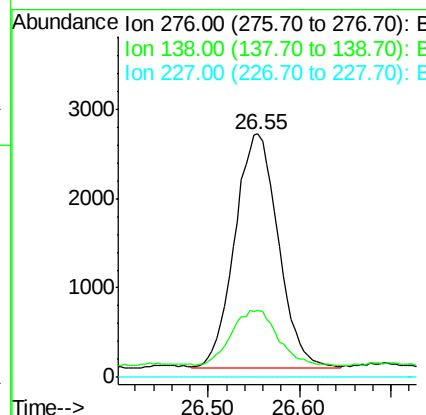
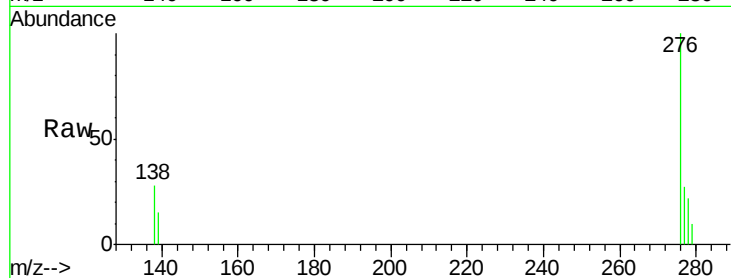
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.094 ng/ul m
 RT: 26.55 min Scan# 4333
 Delta R.T. 0.00 min
 Lab File: BE093560.D
 Acq: 25 Jul 2017 4:30

Instrument :
 BNA_E
 ClientSampleId :
 C0B32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.102 ng/ul m
 RT: 27.37 min Scan# 4512
 Delta R.T. -0.00 min
 Lab File: BE093560.D
 Acq: 25 Jul 2017 4:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.8	32.8
277	26.9	20.5	30.7

